

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	Czechoslovakia	REPORT	<input type="text"/>	25X1
SUBJECT	T-34/49 Tank	DATE DISTR.	18 March 1954	
DATE OF INFO.	<input type="text"/>	NO. OF PAGES	4	25X1
PLACE ACQUIRED	<input type="text"/>	REFERENCE NO.	RD	
		REFERENCES		

This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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The T-34/49 tank¹ being produced in Czechoslovakia has the following characteristics:

1. Weight, 45 tons.
2. Width, including tracks, 3.5 meters.
3. Length, 4.5 meters.
4. Height, 3 meters.
5. The tracks are 70 cm. wide and 3 cm. thick. The tank is propelled by two drive sprockets, one in the front and one in the rear. It is supported by four idlers² 60 cm. in diameter.
6. The frontal armor is 6 cm. thick and that on the sides 8 cm.
7. The clearance of the hull above the ground is 40 cm. The hull is approximately two meters high.
8. The turret is 90 cm. high and 180 cm. in diameter at the base. It can be rotated electrically at the rate of 180 degrees in 1.5 minutes or mechanically at the rate of 180 degrees in five minutes. On top of the turret there are four cupolas³ 60 cm. in diameter.
9. There are two fuel tanks on each side of the hull. The total fuel capacity is 240 liters. The tanks have armor plating 3 cm. thick. Fuel is pumped in by an electric pump.

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STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC							
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(Note: Washington Distribution Indicated By "X"; Field Distribution By "#".)

25 YEAR RE-REVIEW

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10. There are two slits in front and on the left-hand side of the hull, each 20 by 30 cm. in size. The driver's slit is located underneath these two and is approximately 40 by 50 cm. in size and is covered with a plate. On both sides of the hull there are hand grips for the use of tank-borne infantry.
11. It is believed that the engines for the tanks are produced in the Tatra works at Koprivnice because fitters from that factory repeatedly came to make major repairs on the engines.
12. The main armament of the tank consist of a 75 mm. gun with a barrel 2.5 meters long. The diameter of the gun at the opening of the turret is 10 cm. and at the end of the barrel 5 cm.(sic). The 75 mm. gun has optical sights, and the rate of fire is three rounds per minute. The total number of rounds for the gun is 250 (sic). The hull machine gun is located on the right-hand side. The machine gun is air-cooled and it has a rate of fire of from 200 to 300 rounds per minute.
13. Maximum speed of the tank is 60 km. per hour on the road and 25 km. per hour across country.
14. The radio set is of Tesla make and the aerial is two meters long. All members of the crew are connected to each other by means of an inter-communication system.
15. The crew consists of five men: commander, driver, co-driver, gunner, and loader.

1. 25X1
2. Comment. Possibly bogie wheels are meant, rather than idlers.
3. Comment. Possibly periscopic sights are meant, rather than cupolas.

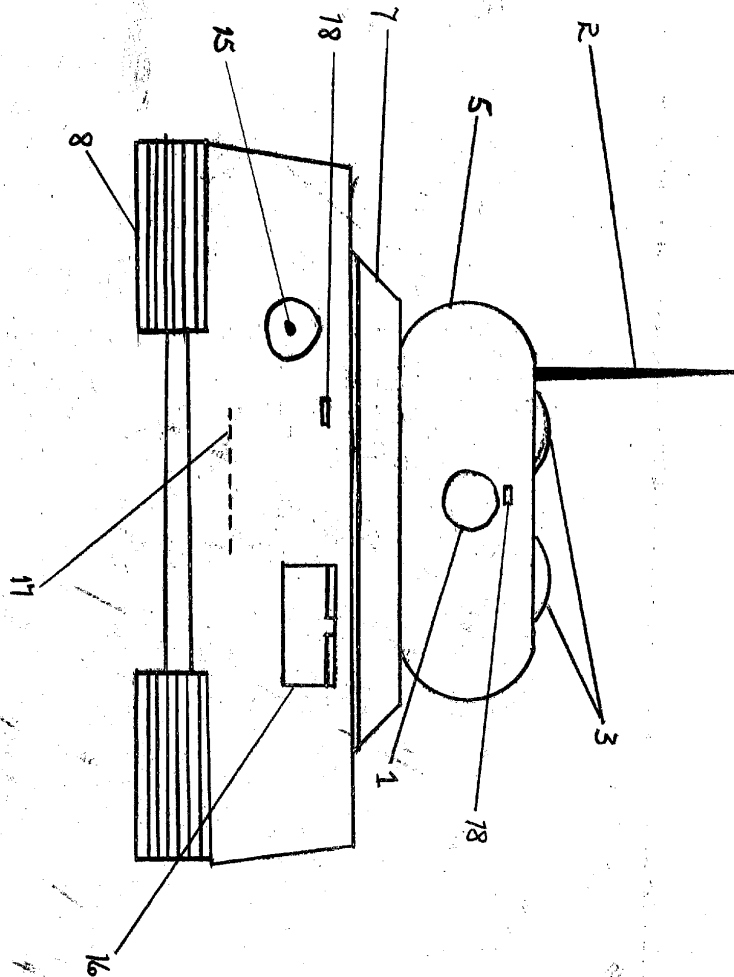
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Sketch I



T-34/49
(FRONT VIEW)

Legend: (applies to all three sketches)

- | | |
|---------------------------|------------------------------------|
| 1. Gun. | 10. Rope. |
| 2. Aerial. | 11. Idlers. |
| 3. Cupolas. | 12. Fuel tanks. |
| 4. Grip-rails. | 13. Base armor - 8 cm. |
| 5. Turret (armor, 15 cm). | 14. Frontal armor - 6 cm. |
| 6. Side armor - 8 cm. | 15. Hull machine gun. |
| 7. Frontal armor - 6 cm. | 16. Slits and driver's slit. |
| 8. Tracks. | 17. Grips for rope. |
| 9. Toolbox. | 18. Slits for gun and machine gun. |

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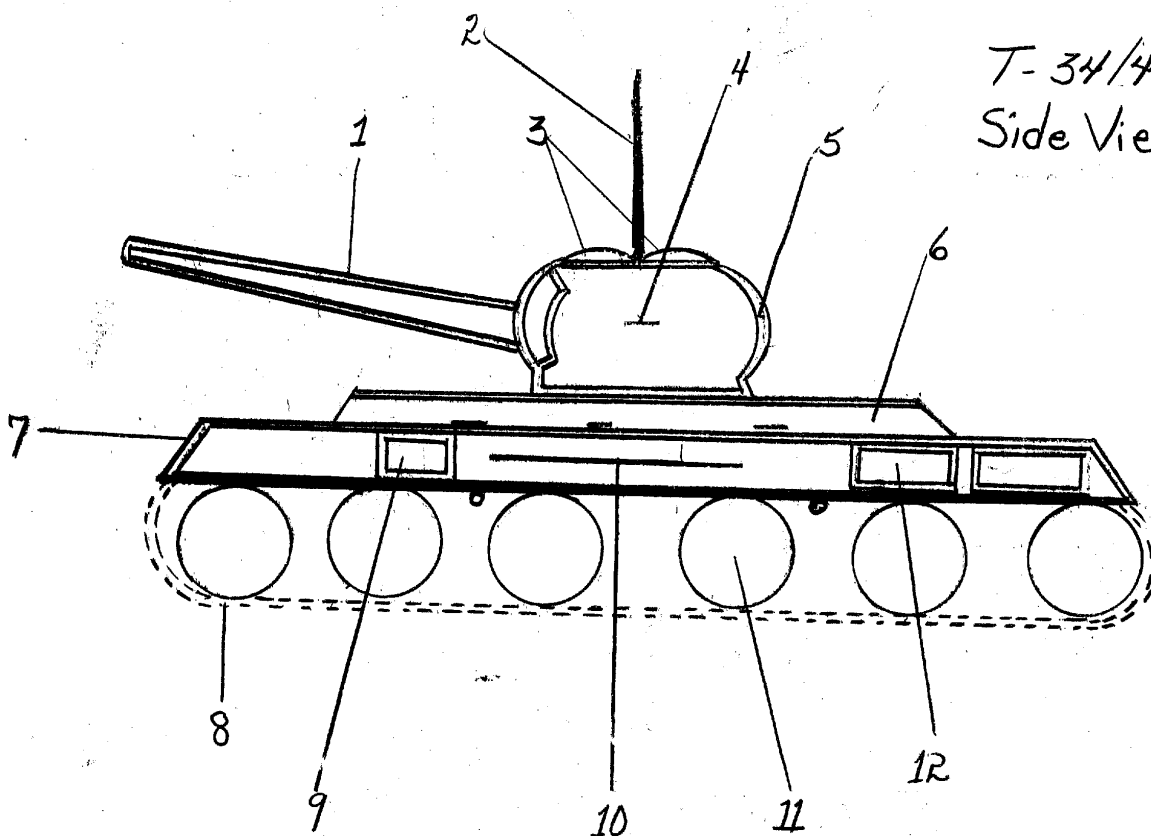
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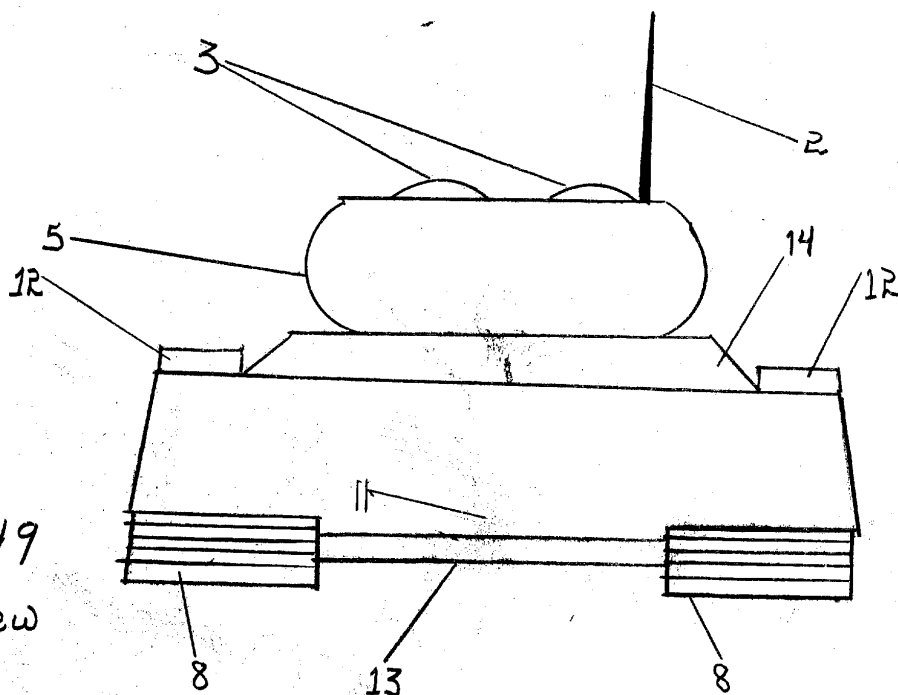
Sketch II

T-34/49
Side View



Sketch III

T-34/49
Rear View



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